C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.120.2.d 2 O'Clock (PEER 11) Sweep Tests

C-A-OPM Procedures in which this Attachment is used.		
4.120.2		

Hand Processed Changes

HPC No.	Date	Page Nos.	Initials
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Approved: _____*Signature on File*_____ _____
Collider-Accelerator Department Chairman   Date

V. Castillo

4.120.2.d 2 O'Clock (PEER 11) Sweep Tests

PASS ANNUAL ACCEPTANCE TEST PROTOCOL

Division A Software Filename and Checksum: Title:_____ Checksum: _____

Division B Software Filename and Checksum: Title:_____ Checksum: _____

Initial testing complete:

Test Team Leader's Name (Print): _____ Life Number:_____

Test Team Leader's Name (Sign): _____ Date:____/____/_____

Acceptance test procedure complete (following repairs and retesting if required):

Test Team Leader's Name (Print): _____ Life Number:_____

Test Team Leader's Name (Sign): _____ Date:____/____/_____

Test results reviewed by:

Safety Section Head's Name (Print):_____ Life Number:_____

Safety Section Head's Name (Sign):_____ Date:____/____/_____

Test results accepted by Radiation Safety Committee:

RSC Member's Name (Print):_____ Life Number:_____

RSC Member's Name (Sign):_____ Date: ____/____/____

1.1   **To Sweep**   Zone **1Z1**

CLOSE	Gates **1GS1-I/O, 1EL1,** and **1GI1**	
☐ **VERIFY**	Gates **1GS1-I/O, 1EL1,** and **1GI1** are	**CLOSED**
RESET	Gate **1EL1**	
☐ **VERIFY**	Gate **1EL1**	**RESET**
PLACE	**Peer 11** in **Mode 16**	
☐ **VERIFY**	**Peer 11** is in **Controlled Access**	**MODE 16**
☐ **VERIFY**	**MCR** sees Zone **1Z1**	**NOT SWEPT**
ACTIVATE	Check station **1CS1**	
☐ **VERIFY**	Check station **1CS1** indicator **(Area Secured)**	**BLINKS ONCE**
ACTIVATE	Check station **1CS2**	
☐ **VERIFY**	Check station **1CS2** indicator **(Area Secured)**	**BLINKS ONCE**
ACTIVATE	Check station **1CS3**	
☐ **VERIFY**	Check station **1CS3** indicator **(Area Secured)**	**BLINKS ONCE**
ACTIVATE	Check station **1CS4**	
☐ **VERIFY**	Check station **1CS4** indicator **(Area Secured)**	**BLINKS ONCE**
EXIT	Gate **1GI1** with **Simultaneous Release**	
☐ **VERIFY**	MCR sees Zone **1Z1**	**SWEPT**

1.2   **To Sweep**   Zone **2Z1**

CLOSE	Gates **1GI1-I, 2GE1, 2GI1-I&O, 2MD1** and **2MD2**	
☐ **VERIFY**	Gates **1GI1-I, 2GE1, 2GI1-I&O, 2MD1** and **2MD2** are	**CLOSED**
RESET	Gate **2MD1** and **2MD2**	
☐ **VERIFY**	Gate **2MD1** and **2MD2** are	**RESET**
PLACE	**Peer 11** in **Mode 16**	
☐ **VERIFY**	**Peer 11** is in **Controlled Access**	**MODE 16**
☐ **VERIFY**	MCR sees Zone **2Z1**	**NOT SWEPT**
ACTIVATE	Check station **2XCS3**	
☐ **VERIFY**	Check station **2XCS3** indicator **(Area Secured)**	**BLINKS ONCE**
ACTIVATE	Check station **2XCS1**	
☐ **VERIFY**	Check station **2XCS1** indicator **(Area Secured)**	**BLINKS ONCE**
ACTIVATE	Check station **2XCS2**	
☐ **VERIFY**	Check station **2XCS2** indicator **(Area Secured)**	**BLINKS ONCE**
EXIT	Gate **2GE2** with **Simultaneous Release**	
☐ **VERIFY**	MCR sees Zone **2Z1**	**SWEPT**

1.3	**To Sweep**	Zone **2Z2**	

	CLOSE	Gates **2GI1-I&O, 2GE2, 2MD3, 2EL1, 2ED1** and **3GI1-I&O**	
☐	**VERIFY**	Gates **2GI1-I&O, 2GE2, 2MD3, 2EL1, 2ED1** and **3GI1-I&O** are	**CLOSED**
	RESET	Gate **2EL1, 2MD3** and **2ED1**	
☐	**VERIFY**	Gates **2EL1, 2MD3** and **2ED1** are	**RESET**
	PLACE	**Peer 11** in **Mode 16**	
☐	**VERIFY**	**Peer 11** is in **Controlled Access**	**MODE 16**
☐	**VERIFY**	**MCR** sees Zone **2Z2**	**NOT SWEPT**
	ACTIVATE	Check station **2CS6**	
☐	**VERIFY**	Check station **2CS6** indicator **(Area Secured)**	**BLINKS ONCE**
	ACTIVATE	Check station **2CS5**	
☐	**VERIFY**	Check station **2CS5** indicator **(Area Secured)**	**BLINKS ONCE**
	ACTIVATE	Check station **2CS3**	
☐	**VERIFY**	Check station **2CS3** indicator **(Area Secured)**	**BLINKS ONCE**
	ACTIVATE	Check station **2CS4**	
☐	**VERIFY**	Check station **2CS4** indicator **(Area Secured)**	**BLINKS ONCE**
	ACTIVATE	Check station **2CS1**	
☐	**VERIFY**	Check station **2CS1** indicator **(Area Secured)**	**BLINKS ONCE**
	ACTIVATE	Check station **2CS2**	
☐	**VERIFY**	Check station **2CS2** indicator **(Area Secured)**	**BLINKS ONCE**
	EXIT	Gate **2GE2** with **Simultaneous Release**	
☐	**VERIFY**	MCR sees Zone **2Z2**	**SWEPT**

END OF TEST PROCEDURE

TTL: Sign for completion of initial testing: _____

Date: ____/____/_____

TTL: Sign for completion of final testing: _____

Date: _____/_____/_____